

C) Amendments to the Abstract:

Kindly amend the Abstract on page 18 of the original translation as indicated hereinafter as amended in marked up version.

~~To provide a~~ A substrate temperature measurement apparatus and a processing apparatus, whereby thermocouple wire reliability is improved, influence of infrared ~~ray~~ rays on the chip is reduced and the temperature of the substrate can be accurately measured. ~~It is provided with: a~~ A chip (16) made of metal material reflecting infrared ~~ray or~~ rays and electromagnetic ~~wave waves, having~~ has an ~~inserting~~ insertion opening (16a) for inserting thermocouple wires (20a, 20b) ~~which, is~~ crushed and deformed with ~~said the~~ thermocouple wires inserted, and thereby united together with ~~said the~~ thermocouple wires, and contacted ~~said with the~~ substrate (13); and a supporting member or members (15b, 15c), made of material of lower thermal conductivity than said chip (16), are provided for supporting said chip (16).